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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/622,158	07/16/2003	Sathyanarayanan N. Kavacheri	SUN-P030090	1910
32615	7590	11/01/2006	EXAMINER	
OSHA LIANG L.L.P./SUN 1221 MCKINNEY, SUITE 2800 HOUSTON, TX 77010			DAO, THUY CHAN	
			ART UNIT	PAPER NUMBER
			2192	

DATE MAILED: 11/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/622,158	<b>Applicant(s)</b> KAVACHERI ET AL.	
	<b>Examiner</b> Thuy Dao	<b>Art Unit</b> 2192	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 16 July 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/22/04</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. This action is responsive to the application filed on July 16, 2003.
2. Claims 1-23 have been examined.

### **Priority**

3. The priority date considered for this application is July 16, 2003.

### **Information Disclosure Statement**

4. The Office acknowledges receipt of the Information Disclosure Statement filed on July 22, 2004. It has been placed in the application file and the information referred to therein has been considered by the examiner.

### **Specification**

5. The disclosure is objected to because of the following informalities: in page 1, the related US Patent Application Serial Numbers are missing.

Appropriate correction is required.

### **Claim Rejections – 35 USC § 101**

6. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

7. Claims 15-23 are directed to a computer-useable medium, which may include information storage or transmission (e.g., specification, page 8: 25 – page 9: 3, page 9: 4-16).

A computer-useable medium product is a tangible physical article or object, some form of matter, which a signal is not. That the other two product classes, machine and composition of matter, require physical matter is evidence that a manufacture was also intended to require physical matter. A signal, a form of energy, does not fall within either

of the two definitions of manufacture. Thus, a signal does not fall within one of the four statutory classes of Sec. 101.

See Annex IV (c) Electro-Magnetic Signals, Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility (signed October 26, 2005) - OG Cite: 1300 OG 142. Online version can be retrieved at <<http://www.uspto.gov/web/offices/com/sol/og/2005/week47/patgupa.htm>>.

Under the principles of compact prosecution, claims 15-23 have been examined as the Examiner anticipates the claims will be amended to obviate these 35 USC § 101 issues. For example, - -A computer-useable storage medium ...- -.

### **Claim Rejections – 35 USC § 102**

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1-23 are rejected under 35 U.S.C. 102(b) as being anticipated by “Programmer’s Guide – iPlanet Portal Server: Mobile Access Pack”, Sun Microsystems, Inc., published in November 2001 (hereinafter “iPlanet Portal Server”).

#### **Claim 1:**

iPlanet Portal Server discloses *a method of storing client device profiles on a server, said method comprising:*

*accessing information that identifies properties of a wireless client device, wherein said information is received in Extensible Markup Language (XML) form (e.g., pp. 257-259, section “Configuring the Attributes”, configuring attributes in a component XML file such as <component\_name>.xml or iwtClient.xml);*

*creating a node for said wireless client device in a software directory resident on said server (e.g., page 16, section “Client Data Objects”); and*

*storing said information identifying properties of said wireless client device as attributes of said node in said software directory (e.g., pp. 15-16, section "Introduction", iPlanet Portal Server and iPlanet Directory Server),*

*wherein said information for said wireless client device is stored in other than said XML form (e.g., page 245, Client Data Objects as Java.TM. objects; page 290, using method getProperty() to retrieve data/properties from the Data Objects).*

**Claim 2:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *said server is a portal server (e.g., pp. 15-16, section "Introduction", iPlanet Portal Server).*

**Claim 3:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *said server is a directory server coupled to a portal server (e.g., pp. 15-16, section "Introduction", iPlanet Portal Server and iPlanet Directory Server),.*

**Claim 4:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *said software directory comprises a Lightweight Directory Access Protocol (LDAP) directory comprising a node for each of a plurality of wireless client devices, wherein an LDAP Directory Information Tree (DIT) is created for each of said wireless client devices (e.g., page 21: 1-12).*

**Claim 5:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *parsing said information received in said XML form prior to said creating and storing (e.g., page 259: 10-18).*

**Claim 6:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *fetching an attribute from said software directory* (e.g., page 254, fetching the client type from the Session, Client Instance, or Client property userAgent).

**Claim 7:**

The rejection of base claim 1 is incorporated. iPlanet Portal Server also discloses *modifying an attribute in said software directory* (e.g., pp. 257-259, modifying existing component attributes and adding new attributes to a component).

**Claims 8-14:**

Claims 8-14 are computer system versions, which recite the same limitations as those of claims 1-7, wherein all claimed limitations have been addressed and/or set forth above. Therefore, as the reference teaches all of the limitations of the above claims, it also teaches all of the limitations of claims 8-14.

**Claims 15-21:**

Claims 15-21 are computer-useable storage medium versions, which recite the same limitations as those of claims 1-7, wherein all claimed limitations have been addressed and/or set forth above. Therefore, as the reference teaches all of the limitations of the above claims, it also teaches all of the limitations of claims 15-21.

**Claim 22:**

The rejection of base claim 15 is incorporated. iPlanet Portal Server also discloses *said information is received from a data base resident on said computer system* (e.g., page 245, database of Client Data Objects stored in server).

**Claim 23:**

The rejection of base claim 15 is incorporated. iPlanet Portal Server also discloses *said information is received from another device in communication with said*

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*computer system* (e.g., page 245, client devices contacting server and sending information in the client's HTTP header).

### Conclusion

10. Any inquiry concerning this communication should be directed to examiner Thuy Dao (Twee), whose telephone is (571) 272 8570. The examiner can normally be reached on Monday – Friday from 6:30AM to 3:00PM.

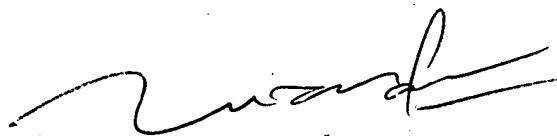
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam, can be reached at (571) 272 3695.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273 8300.

Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is (571) 272 2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

T. Dao



TUAN DAM  
SUPERVISORY PATENT EXAMINER